

**COMPOSITIONS AND METHODS FOR THE
IDENTIFICATION OF LUNG TUMOR CELLS**

ABSTRACT OF THE DISCLOSURE

This invention provides compositions and methods for the identification of lung cancer cells. In particular, polynucleotide sequences whose presence is indicative of lung cancer are disclosed. In addition, lung cancer can be identified by detecting the presence of the peptides encoded by these sequences. Antibodies to these peptides are also provided. Also included are gene delivery vehicles and host cells comprising these polynucleotides. Kits containing agents and instructions necessary to perform the screening and detecting methods are also provided.